

**TASK ORDER NO. 9**  
**CITY OF DAHLONEGA**  
**UPDATE LAKE ZWERNER RESERVOIR MANAGEMENT PLAN**

**1. Project Understanding**

The City of Dahlonega (OWNER) owns and operates its water system from its source on Yahoola Creek and Lake Zwerner. The OWNER's existing Surface Water Withdrawal Permit issued by the Georgia Environmental Protection Division (EPD) requires OWNER to prepare and follow a Reservoir Management Plan (Plan) that describes how the shoreline lands around Lake Zwerner will be managed to protect the lake's source water quality. The original Plan was prepared and has worked well, but conditions have since changed and the OWNER would like to modify the Plan to allow beneficial recreational use at Lake Zwerner in a manner that will not degrade source water quality. WK Dickson will assist the OWNER in preparing an updated Plan and in coordination with EPD to gain approval of the updated Plan.

**2. Scope of Services**

W.K. Dickson & Company, Inc. (ENGINEER) will provide the following services in the performance of this project:

1. OWNER will provide ENGINEER with a copy of the existing Reservoir Management Plan (with any subsequent amendments or changes). This will allow consistency between the original and updated Plans and will maximize the efficiency of preparing an update. OWNER will also provide ENGINEER with the most recent map of Lake Zwerner and surrounding properties, to include topographic, boundary ownership information as available.
2. ENGINEER will review the existing Plan and revise it to include OWNER's request to include limited recreational activities on the lake, including use of the lake by North Georgia College (or other authorized users) for boating sports such as sculling, standup paddleboarding, canoeing and kayaking (Fishing is already an authorized use under the existing Plan). Motorized boating will not be included in proposed uses. OWNER will also stipulate that restroom facilities planned for the recreational use area will be connected to the City's sewer system via an existing sewer line that flows to the City's wastewater treatment plant via a different sub-basin than the Lake. ENGINEER will discuss potential plan updates informally with EPD staff to identify any potential issues with the Updated Plan and will attempt to address those issues in coordination with OWNER.
3. ENGINEER will prepare a Draft Updated Plan for OWNER's review and comment. Comments will be discussed and incorporated into a Final Draft Plan, which will be

submitted to EPD. OWNER and ENGINEER will schedule a meeting with EPD to discuss the proposed changes in the Updated Plan and attempt to resolve any issues.

4. ENGINEER will finalize the Plan in coordination with OWNER and submit to EPD on behalf of OWNER for final approval.

3. **Time of Performance.**

ENGINEER estimates completion of the above Scope of Services within four (4) weeks from notice to proceed and receipt of all required information from OWNER.

4. **Basis of Compensation.**

A. **Basic Services.** The Owner shall pay the Consultant for services set forth above, Scope of Services, a Lump Sum Fee of Six thousand dollars (\$6,000.00).

B. **Additional Services.** The OWNER shall pay the CONSULTANT for additional services which are not specifically called for in above, Scope of Services, in accordance with the CONSULTANT'S standard rates.

C. **Premium Rate Adjustment.** Should OWNER request an accelerated schedule requiring CONSULTANT to work overtime hours, then a 1.25 premium rate adjustment shall be applied to current hourly rates or lump sum fees as appropriate. Accelerated schedule and premium rate adjustment shall be approved as part of compensation at time of contract execution or by written amendment.

All services and compensation under this Task Order shall be in accordance with the master agreement dated 10/27/2014.

OWNER:

CITY OF DAHLONEGA

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

CONSULTANT:

W.K. DICKSON & CO., INC.

By:  \_\_\_\_\_

William G. Wingate III, PE

Title: Vice President

Date: September 29, 2016